

What is claimed is:

1. An apparatus for converting film images to a digital format comprising:
a photodetector system;
a film holder aligned with said photodetector system;
said photodetector system including at least one light activated array;
said at least one array including at least two subsections wherein each subsection is assigned at least one independent shift register; and
a digital recording medium interconnected with an output from each subsection.
2. An apparatus as set forth in claim 1, wherein said photodetector includes at least three separate arrays, each separate array corresponding to a primary color.
3. An apparatus as set forth in claim 1, wherein each subsection contains a separate horizontal shift register.
4. An apparatus as set forth in claim 1, wherein each subsection contains a separate vertical shift register.
5. An apparatus as set forth in claim 1, wherein said at least one array contains four subsections.
6. An apparatus as set forth in claim 5, wherein each of said four subsections contains a separate horizontal shift register.
7. An apparatus as set forth in claim 6, wherein each of said four subsections contains a separate vertical shift register.
8. An apparatus as set forth in claim 1, wherein said recording medium includes at least two recording media.

9. An apparatus as set forth in claim 8, including a controller alternating the delivery of output from said array amongst each of said at least two recording media.

10. An apparatus as set forth in claim 9, including a controller alternately directing said output stored in each of said at least two recording media to a common storage device.

11. An apparatus as set forth in claim 10, wherein said controller contains a timing mechanism generating a timing signal corresponding to a frame size of said film.

12. A method for converting a film image to digital format comprising:
providing a film holder;
aligning said film holder with a photodetector system;
projecting images from said film to at least two subsections of a light activated array of said photodetector system; and,
creating independent data streams related to said film image for each of said at least two subsections of said array.

13. A method as set forth in claim 12, wherein creating independent data streams includes directing image data from each of said at least two subsections to at least one separate shift register corresponding to a subsection.

14. A method as set forth in claim 13, wherein creating independent data streams includes directing image data of each subsection to an independent corresponding horizontal shift register.

15. A method as set forth in claim 13, wherein creating independent data streams includes directing image data of each subsection to an independent corresponding vertical shift register.

16. A method as set forth in claim 13, wherein images from said film are projected to at least two subsections of each of three light activated arrays, each of said three light activated arrays corresponding to a primary color.

17. A method as set forth in claim 13, wherein said film images are projected to at four subsections of said light activated array.

18. A method as set forth in claim 13, including recording said data streams in two independent storage media.

19. A method as set forth in claim 18, including alternating the recordation of said data streams between said at least two independent storage media.

20. A method as set forth in claim 19, including directing said data streams stored in said independent storage media in an alternating manner to a common storage device.